



GSD-06 PARTICULATE EMISSIONS SUMMARY – INSTRUCTIONS

The purpose of GSD-06 is to provide basic information about each source of particulate emissions. This form is required for all air permit applications submitted to the [Indiana Department of Environmental Management \(IDEM\), Office of Air Quality \(OAQ\)](#). For the purposes of this form, the term “source” refers to individual emissions points or groups of emissions points. If you do not provide the enough information to adequately describe each source of particulate emissions, the application process may be stopped.

If you have any questions, contact the IDEM OAQ Permit Reviewer of the Day (PROD) at (317) 233-0178 or 1-800-451-6027 extension 3-0178 (toll free call within Indiana) or via electronic mail using the [online form](#) or a direct email to OAMPROD@dem.state.in.us.

SUBMISSION OF CONFIDENTIAL RECORDS

All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claim of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in [326 IAC 17.1-4-1](#). Failure to follow these requirements exactly, will result in your confidential information becoming a public record, available for public inspection. To ensure that your information remains confidential, refer to the [IDEM, OAQ information regarding submittal of confidential business information](#). For more information on confidentiality for certain types of business information, please review IDEM's [Nonrule Policy Document Air-031-NPD regarding Emission Data](#).

Part A: Summary of Particulate Emissions

Part A is intended to provide a summary of the type and amount of particulate emissions at the source. The state rules on particulate emissions are found in [Title 326 of the Indiana Administrative Code, Article 6, Particulate Rules](#).

Emissions Point Information:

1. Emissions Point ID:

You must assign a unique identification number to each source of particulate emissions at your plant. The identification numbers listed on this form should correspond to the emissions points identified on the Plant Layout and Process Flow diagrams.

NOTE: Many sources begin the numbering their particulate emissions sources wherever the numbering of stacks and vents ended. For example if fourteen (14) stacks and vents were identified, it makes sense to begin numbering the particulate emissions sources at fifteen [e.g. P-15].

If appropriate, sources of particulate emissions may be grouped together and given a common number. For example, particulate emissions from service valves, flanges, or pumps may be grouped together by the process area since there are typically several service valves, flanges, and/or pumps for each process, and the task of identifying each source separately would be very cumbersome.

2. Emissions Point Description:

Provide a brief description of the source of particulate emissions.

Potential To Emit

Indiana Law requires permit emission limits to be based on the [potential to emit \(PTE\)](#) air pollutants as if the process was operating at full capacity 24 hours per day, 365 days per year. For additional information on how to estimate the PTE from each source of particulate emissions, please refer to the [United States Environmental Protection Agency's \(U.S. EPA\) Clearinghouse for Inventories & Emission Factors](#).

3. Particulate Matter:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each particulate matter (PM) emissions source.

4. Particulate Matter Less Than Ten Microns:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each source of particulate matter emissions less than ten microns (PM-10).

5. Particulate Matter Less Than Two and Five Tenths Microns:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each source of particulate matter emissions less

than two and five tenths microns (PM-2.5).

6. Total Suspended Particulates:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each source of total suspended particulate (TSP) emissions.

7. Fugitive Dust:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each fugitive dust emissions source.

8. Fugitive Particulate Matter:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each fugitive PM emissions source.

9. Particulate Matter Also Classified as a Hazardous Air Pollutant:

Estimate the total potential to emit (PTE) in tons per year (tpy) for each source of particulate matter emissions that is also classified as a hazardous air pollutant (HAP PM).

Part B: Control of Particulate Emissions

Part B is intended to provide information about each source of particulate emissions.

10. Emissions Point ID:

List each emissions point identified in Parts A and B above.

11. Control Measures:

Check all that apply. (E.g., no control, dust suppression, etc.)

12. Control Measure Description:

Provide a brief description of the source of fugitive emissions control measures. The description should include frequency as well as a description of the control measure. Example: "watering scrap yard as needed but no less than once per week."

13. Control Plan:

Has a fugitive dust control plan been submitted? If yes, include the date when the plan was submitted.

Summary of Websites

1. Indiana Department of Environmental Management (IDEM): <http://www.in.gov/idem/>
2. Office of Air Quality (OAQ): <http://www.in.gov/idem/air/>
3. Permit Reviewer of the Day (PROD) online form: <http://www.in.gov/idem/air/permits/prodform.html>
4. Article 17.1, Rule 4, Section 1 of the Indiana Administrative Code (326 IAC 17.1-4-1):
<http://www.in.gov/legislative/iac/T03260/A00171.PDF>
5. IDEM, OAQ guidance regarding submittal of confidential business information:
<http://www.in.gov/idem/air/permits/apps/cbi.pdf>
6. IDEM's Nonrule Policy Document regarding Emission Data (Air-031-NPD):
<http://www.in.gov/idem/air/rules/nrpd/index.html>
7. Title 326 of the Indiana Administrative Code, Article 6, Particulate Rules:
<http://www.in.gov/legislative/iac/t03260/a00060.pdf>
8. Explanation of Potential To Emit: <http://www.in.gov/idem/guides/permit/air/airemissions.html#pte>
9. United States Environmental Protection Agency (US EPA): <http://www.epa.gov>
10. US EPA Clearinghouse for Inventories & Emission Factors: <http://www.epa.gov/ttn/chief/efinformation.html>